

Phospho-c-Fos (Thr325) Rabbit pAb

Catalog Number: bs-3154R

Target Protein: Phospho-c-Fos (Thr325)

Concentration: 1mg/ml

Form: Liquid

Host: Rabbit

Clonality: Polyclonal

Isotype: IgG

Applications: WB (1:500-2000), IHC-P (1:100-500), IHC-F (1:100-500), IF (1:100-500), Flow-Cyt (1µg /Test)

Reactivity: Human, Mouse, Rat (predicted:Pig, Sheep, Chicken, Dog)

Predicted MW: 41 kDa

Entrez Gene: 2353

Swiss Prot: P01100

Source: KLH conjugated Synthesised phosphopeptide derived from human c-Fos around the phosphorylation site of Thr325: LC(p-T)PV.

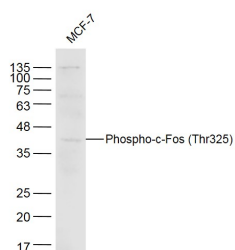
Purification: affinity purified by Protein A

Storage: 0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol.

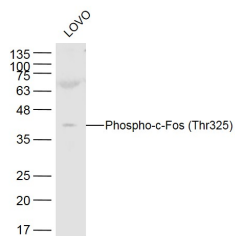
Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.

Background: The Fos gene family consists of 4 members: FOS, FOSB, FOSL1, and FOSL2. These genes encode leucine zipper proteins that can dimerize with proteins of the JUN family, thereby forming the transcription factor complex AP-1. As such, the FOS proteins have been implicated as regulators of cell proliferation, differentiation, and transformation. In some cases, expression of the FOS gene has also been associated with apoptotic cell death. [provided by RefSeq, Jul 2008].

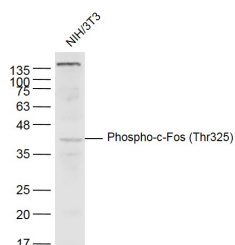
VALIDATION IMAGES



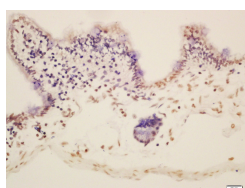
Sample: MCF-7(Human)Cell Lysate at 40 ug Primary: Anti-Phospho-c-Fos (Thr325) (bs-3154R) at 1/300 dilution Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution Predicted band size: 41 kD
Observed band size: 41 kD



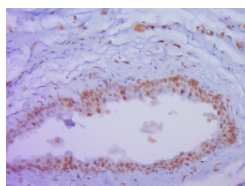
Sample: LOVO(Human) Cell Lysate at 40 ug Primary: Anti-Phospho-c-Fos (Thr325) (bs-3154R) at 1/300 dilution Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution Predicted band size: 41 kD
Observed band size: 41 kD



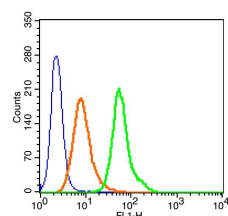
Sample: NIH/3T3(Mouse) Cell Lysate at 40 ug Primary: Anti-Phospho-c-Fos (Thr325) (bs-3154R) at 1/300 dilution Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution Predicted band size: 41 kD
Observed band size: 41 kD



Tissue/cell: mouse intestine tissue; 4% Paraformaldehyde-fixed and paraffin-embedded; Antigen retrieval: citrate buffer (0.01M, pH 6.0), Boiling bathing for 15min; Block endogenous peroxidase by 3% Hydrogen peroxide for 30min; Blocking buffer (normal goat serum, C-0005) at 37°C for 20 min; Incubation: Anti-Phospho-c-Fos (Thr325) Polyclonal Antibody, Unconjugated(bs-3154R) 1:200, overnight at 4°C, followed by conjugation to the secondary antibody(SP-0023) and DAB(C-0010) staining



Paraformaldehyde-fixed, paraffin embedded (Rat urinary bladder); Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15min; Block endogenous peroxidase by 3% hydrogen peroxide for 20 minutes; Blocking buffer (normal goat serum) at 37°C for 30min; Antibody incubation with (P-c-Fos (Thr325)) Polyclonal Antibody, Unconjugated (bs-3154R) at 1:400 overnight at 4°C, followed by operating according to SP Kit(Rabbit) (sp-0023) instructions and DAB staining.



Blank control(blue): 293T(fixed with 2% paraformaldehyde (10 min) and then permeabilized with ice-cold 90% methanol for 30 min on ice). Primary Antibody: Rabbit Anti- Phospho-c-Fos (Thr325)/AF488 Conjugated antibody (bs-3154R /AF488), Dilution: 1µg in 100 µL 1X PBS containing 0.5% BSA; Isotype Control Antibody: Rabbit IgG/FITC(orange), used under the same conditions.

PRODUCT SPECIFIC PUBLICATIONS

[IF=8.8] Ya-Ru Huang. et al. ArhGAP11A mediates amyloid- β generation and neuropathology in an Alzheimer's disease-like mouse model. CELL REP. 2023 Jun 9;42(6):112624 WB,IHC ; Mouse . 37302068

[IF=7.9] Lujuan He. et al. The role of BDNF transcription in the antidepressant-like effects of 18 β -glycyrrhetic acid in a chronic social defeat stress model. PHYTOMEDICINE. 2023 Dec;;155332 WB ; MOUSE . 10.1016/j.phymed.2023.155332

[IF=6.551] Mei Ha. et al. PKC α mediated by the PI3K/Akt-FOXO1 cascade facilitates cypermethrin-induced hyperthyroidism. Sci Total Environ. 2021 Feb;757:143727 WB ; Rat . 33250241

[IF=5.22] Tavares, Raquel, and Sushil Kumar Pathak. "Helicobacter pylori Secreted Protein HP1286 Triggers Apoptosis in Macrophages via TNF-Independent and ERK MAPK-Dependent Pathways." Frontiers in Cellular and Infection Microbiology 7 (2017): 58. WB ; "Human" . 28293545

[IF=3.362] Zheng N et al. Chlamydia pneumoniae infection promotes vascular smooth muscle cell migration via c-Fos/interleukin-17C signaling. International Journal of Medical Microbiology,2019, 151340. WB ; Rat . doi:10.1016/j.ijmm.2019.151340